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Approved For Release 2004/05/05 : CIA-RDP78B05171A000600010038-2

NPIC/TSG/RED/SDB-032-70  
25 August 1970

MEMORANDUM FOR: HPSC Coordinating Group  
SUBJECT : Progress Report on HPSC Program

25X1 1. Messrs. [ ] visited NPIC on 19 and  
20 August 1970. They report that the HPSC is essentially on the schedule  
distributed to the Coordinating Group on 19 June 1970. The optics have  
been installed and checked out. They report that the systems resolves  
1,000 line pairs/mm with white light. The correlation system has been  
checked out in a test fixture and is performing to specifications. The  
25X1 new 16K computer core has been received and installed in the computer.  
The [ ] computer program work on the HPSC system was scheduled  
to start on 7 August and actually got underway on 14 August. Now that  
the optics have been installed, the computer program becomes the new  
critical path item with a scheduled completion date of 16 October.

25X1 2. Some concern has been expressed with NPIC for the five week pre-  
acceptance tests scheduled at [ ] Three weeks of this is [ ] running  
tests and debugging the HPSC system. Following this, NPIC personnel  
will run preacceptance tests for about two weeks during the first part  
of November (probably 6-20 November). 25X1

25X1 3. [ ] met with the [ ] people  
to resolve differences on the acceptance test plan and procedures. The  
acceptance test plan dated 15 June, summary checkout dated 3 August,  
and specifications for acceptance testing were reviewed in a four hour  
session. The meeting appears to have resolved most of the major diffi-  
culties. [ ] will now prepare the test procedures and submit  
25X1 them to NPIC for approval prior to 14 September 1970. 25X1

25X1 4. [ ] was provided some unclassified frame and pan photography  
for Informatics to use in checking out the computer program.

25X1 5. [ ] will send [ ] copies of operational imagery early in  
September. Two copies will be sent, one for [ ] to use in checking  
25X1 out the various systems and the second copy to be used by NPIC in the  
preacceptance tests. 25X1

25X1 6. The [ ] operator training will take place at [ ] for a week  
during mid-September. A firm date will be established at a later date  
depending on the progress of the computer programming presently underway.  
25X1 The [ ] operator will return to [ ] in November to take part in the pre-  
acceptance tests. 25X1

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

Declass Review by  
NIMA/DOD

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7. The programmer training will take place at [ ] starting the end of September. The date will have to be firmed up a little later because it also depends on the present work being done in computer programming.

8. Maintenance training for one week at [ ] will also be worked into the schedule.

9. In the absence of [ ] of APSD, [ ] of APSD and [ ] of RED met with [ ] to provide certain math model information.

10. [ ] met with ESD/EPB to discuss the type of instruments and equipment WPIC should purchase to do routine maintenance and trouble shooting on the HPSC.

11. [ ] (Log building consultant) met with [ ] to establish the small changes required in the clean room to accommodate the recently approved 16K computer memory storage for the Honeywell 516. Indications are that this can be easily accomplished. A tour of the clean room brought to light that a slight change in a cable tray will be required to accommodate the left illumination system of the HPSC. [ ] seemed favorably impressed with the clean room.

12. ESD will attempt to provide replacement test targets for those routinely damaged by [ ] during the optical tests at [ ]

13. The scheduled percentage of completion for the HPSC program is 97% and actual completion is 91%.

[ ]  
Project Monitor

Distribution:

Original - Route & File (Proj. 11038)

2 - IEG/PHD [ ]

2 - TSG/ESD [ ]

2 - PSG/AID [ ]

1 - PFBS [ ]

1 - TSG/APSD [ ]

1 - SS/LB [ ]

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